PROJECT TITLE : CIGARETTE AND SMOKE ANALYSIS

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COLLECTIVE TEST IN SWITZERLAND

The Swiss Association of Cigarette Manufacturers organized a collective test on three cigarettes having different levels of tar in order to compare the smoke yield results obtained by the manufacturers with those obtained by the Official Cantonal Laboratories of Zurich and Vaud (Ref. 1).

The following table summarizes these results:

Participants of this test	Smoking Machine	Cig. A		Cig. B		Cig. C	
		Tar (mg/cig)	SN (mg/cig)	Tar (mg/cig)	SN (mg/cig)	Tar (mg/cig)	SN (mg/cig)
Cant.Vaud	Filtrona 302	16.9	1.14	7.0	0.62	3.2	0.32
Cant.Zurich	Filtrona 302	16.2	1.13	7.6	0.63	2.7	0.28
BAT	Filtrona 302	15.9	0.94	7.4	0.49	2.1	0.24
Burrus	Filtrona 300	16.9	1.11	8.3	0.62	3.5	0.34
FTR	Filtrona 300	16.8	1.14	8.2	0.62	3.4	0.32
Laurens	Borgwaldt RM 20	17.7	1.18	8.8	0.66	3.4	0.32
Reynolds	Borgwaldt RM 20	16.5	0.97	8.5	0.54	3.2	0.29
Rinsoz	Borgwaldt RM 20	16.9	0.84	8.2	0.43	4.1	0.28
General Average		16.73	1.06	8.00	0.58	3.20	0.30
standard deviation s		0.54	0.12	0.61	0.08	0.59	0.03

Table 1 : Collective test in Switzerland

Comments

1. The Cant. Laboratory of Vaud, which uses a Filtrona 302 smoking machine, found on average practically the same tar values as the other participants using Filtrona 300 or Borgwaldt smoking machines. The lower tar result obtained by the Cant. Laboratory of Vaud with cig. B is due to an abnormally high value of water (Tar = TPM - Water - SN).

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Source: https://www.industrydocuments.ucsf.edu/docs/qfhk0000

2. On the contrary, the Cant. Laboratory of Zurich, which also uses the Filtrona 302 smoking machine, found on average lower tar values but the same SN values as the other participants using the Filtrona 300 smoking machine.

3. FTR found tar values which were very close to the general average for each cigarette considered.

PRODUCT REPORTS

Product reports were written on the following new or modified brands:

Brands	Manufacturer	Country of Sale
Jean Bastos 70/NF (national relaunch, re-designed pack)	Badische T.	West Germany
Cartier Luxury Mild 94/F (new brand)	Brinkmann	West Germany
Champagne 84/F (new brand)	SEITA	France
Gauloises blue way 80/F (new brand)	SEITA	France
Gauloises blue way 80/NF (new brand)	SEITA	France
Gitanes légères 84/F (new brand)	SEITA	France
More 120/F (new pack in box)	Reynolds	Italy
Lord extra mild taste 80/F (line extension)	Rothmans	Switzerland

REFERENCE

1. Senehi-F report "Procès-verbal de la séance de la commission scientifique de l'ASFC du jeudi 7 mai 1981 à Berne" (May 15 1981)

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